

AREA AVERAGE PRECIPITATION (mm) AND STANDARDIZED PRECIPITATION INDEX (SPI) PER HYDROLOGICAL REGION

MONTH: JANUARY 2023

SPI VALUES (According to WMO-No.1090)	
2.0 +	extremely wet
1.5 to 1.99	very wet
1.0 to 1.49	moderately wet
-0.99 to 0.99	near normal
-1.0 to -1.49	moderately dry
-1.5 to -1.99	severely dry
-2 and less	extremely dry

SPI VALUES (According to Karavokyris & Partners)	
0 to -0.99	Mild drought
-1.0 to -1.49	Moderate drought
-1.5 to -1.99	Severe drought
-2 and less	Extreme drought

Hydrological Region	PRECIPITATION (mm)								DRY SPELLS Dry Spells Periods for selected Meteorological Rainfall Stations (Dry days: <=2.0 mm)	STANDARDIZED PRECIPITATION INDEX (SPI-n)								
	Monthly Area Aver. Precip.				Cumul. Area Aver. Precip.					SPI-1	SPI-3	SPI-6	SPI-9	SPI-12	SPI-24	SPI-36	SPI-48	SPI-60
	Actual Precip. (mm)	Normal 1970-2010 (mm)	% of Normal	Deciles	Actual Cumul. Precip. (mm)	Normal Cumul. 1970-2010 (mm)	% of Normal	Deciles										
1-Pafos	77.4	115.6	67%	3	328	338.3	97%	5	094-Asprokremmos, 10,3,13	-0.64	-1.07	-0.19	-0.39	-0.74	-0.33	-0.69	0.45	1.26
2-Polis	64.3	109.8	59%	2	300.4	322.1	93%	5	063-Evretou, 10,16	-0.89	-0.92	-0.34	-0.52	-0.80	-0.38	-0.57	0.39	0.97
3-Morfoú	93.3	83.5	112%	8	236.4	240.4	98%	5	370-Kapoura, 10,10,2,1	0.25	-0.87	-0.11	-0.35	-0.76	-0.50	-0.52	0.75	1.77
6-Lefkosia	73.7	62.1	119%	7	185	192.2	96%	5	565-Politiko(Tamasos), 10,15	0.40	-0.77	0.04	-0.11	-0.68	-0.06	-0.46	0.86	1.32
7-Kokkinochoria	155.1	68.3	227%	9	289.3	209.6	138%	9	845-Frenaros, 11,15	1.67	0.57	0.94	0.85	0.27	-0.14	-0.15	1.18	1.00
8-Larnaka	77.7	78.5	99%	6	222.2	241.8	92%	5	592-Lefkara, 11,1,12,1	0.06	-0.86	-0.24	-0.42	-0.97	-0.33	-0.71	0.85	1.22
9-Lemesos	90.3	106.9	84%	5	311.1	310.3	100%	6	313-Kouris, 10,1,13,1	-0.24	-0.80	-0.06	-0.26	-0.77	-0.40	-0.69	0.84	1.70
CYPRUS	84.4	92.9	91%	6	270.4	274.3	99%	6		-0.15	-0.87	-0.11	-0.31	-0.78	-0.36	-0.65	0.76	1.48

Note 1 (SPI According to):

Desert Action, IES(Institute for Environment and Sustainability) and JRC (European Commission)

SPI-1 to SPI-3 are indicators for immediate impacts such as reduced soil moisture, snowpack, and flow in smaller creeks

SPI-3 to SPI-12 are indicators for reduced stream flow and reservoir storage

SPI-12 to SPI-48 are indicators for reduced reservoir and groundwater recharge

Note 2 (Deciles):

- 1 = Very Much Below Average, Lowest on Record
- 2-3 = Below Average
- 4-7 = Average
- 8-9 = Above Average
- 10 = Highest on Record, Very Much Above Average

